

**INFLUENCE OF ICT INTEGRATION ON PERFORMANCE OF MANUFACTURING FIRMS IN KENYA**

**Nehemiah Kiprop Kiplagat**

(Corresponding author)

Jomo Kenyatta University of Agriculture and Technology

[kiplagatnk@gmail.com](mailto:kiplagatnk@gmail.com)

**Dr. Ismail Noor**

Jomo Kenyatta University of Agriculture and Technology

**Professor Mike Iravo**

Jomo Kenyatta University of Agriculture and Technology

**Dr. Kepha Ombui**

Jomo Kenyatta University of Agriculture and Technology

**CITATION:** Kiplagat, N., K., Noor, I., Iravo, M., Ombui, K. (2018). Influence of Ict Integration on Performance of Manufacturing Firms in Kenya. *International Journal of Human*

## **ABSTRACT**

This study sought to establish influence of ICT integration on performance of manufacturing firms in Kenya. Increasing competitive pressures are forcing companies to increase their rates of innovation. The increasing rate of innovation shortens each product's duration in the market, thereby compressing each product's life cycle. Without proper management, increasing product turnover will increase design and manufacturing costs. This study employed a descriptive survey research design to accomplish its goals since it has enough provision for the protection of bias and maximized reliability. The target population comprised of managers in manufacturing firms that are members of the Kenya Association of Manufacturers (KAM). KAM therefore provided the sampling frame for this study. As at 2017, KAM had a membership of 903 manufacturing firms. A sample of 90 respondents was drawn from this population. Primary data was collected using a semi-structured questionnaire which was self-administered. Data obtained was processed and analysed using descriptive and inferential statistics. The results of the data analysis were presented in charts and tables. The study revealed that ICT integration explain 33.9% of change in performance of manufacturing firms in Kenya. ICT integration was found to be one of the elements of

multi-echelon  
distribution system that have the most significance on  
performance  
of manufacturing firms in Kenya. The study concluded that ICT integration  
significantly  
influences  
performance  
of manufacturing firms in Kenya. This study recommends that manufacturing firms should  
ensure they adopt ICT integration in their supply chain. Manufacturing firms in Kenya should  
important  
elements of  
multi-echelon  
distribution system  
.

**Keywords:** manufacturing, performance, ICT, integration, distribution, multi-echelon, system, firm, technology.

[Full Text PDF Format](#)